# *Role of Joint Concepts*

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# Purpose & Agenda

## Purpose

- To describe the role of the family of joint concepts in Capabilities Based Planning and Assessment.

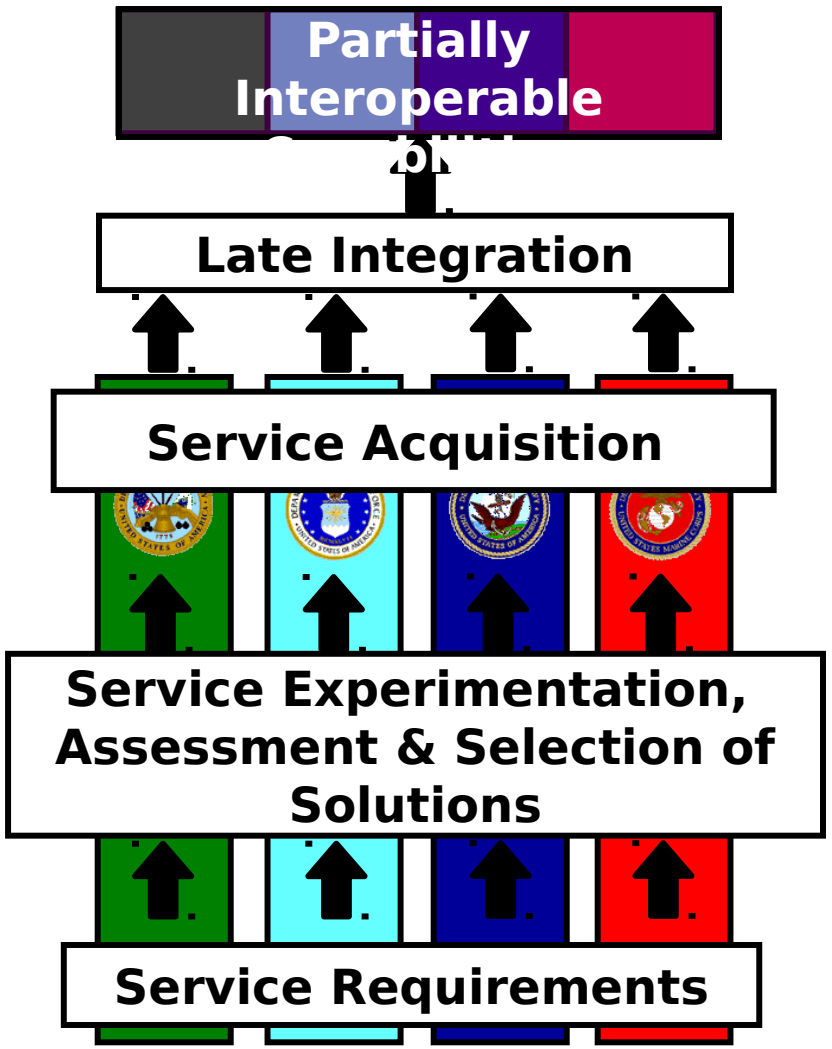
## Agenda

- Capabilities Based Approach
- Family of Joint Concepts
- Concept Linkage to CBP
- Concept Linkage to JCIDS
- Way Ahead

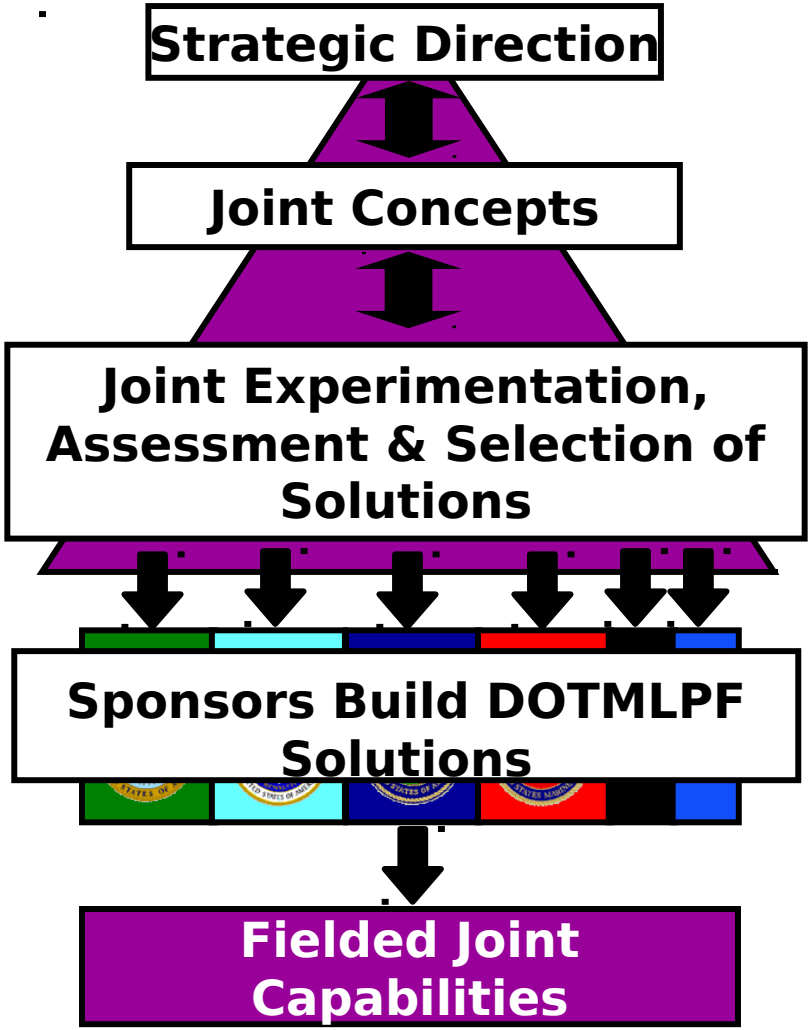
# Capabilities Based Approach

# Capabilities Based Methodology

***Bottom-Up***
***Stovepiped***




***Top-Down***
***Joint***



# Family of Joint Concepts

# Family of Joint Concepts

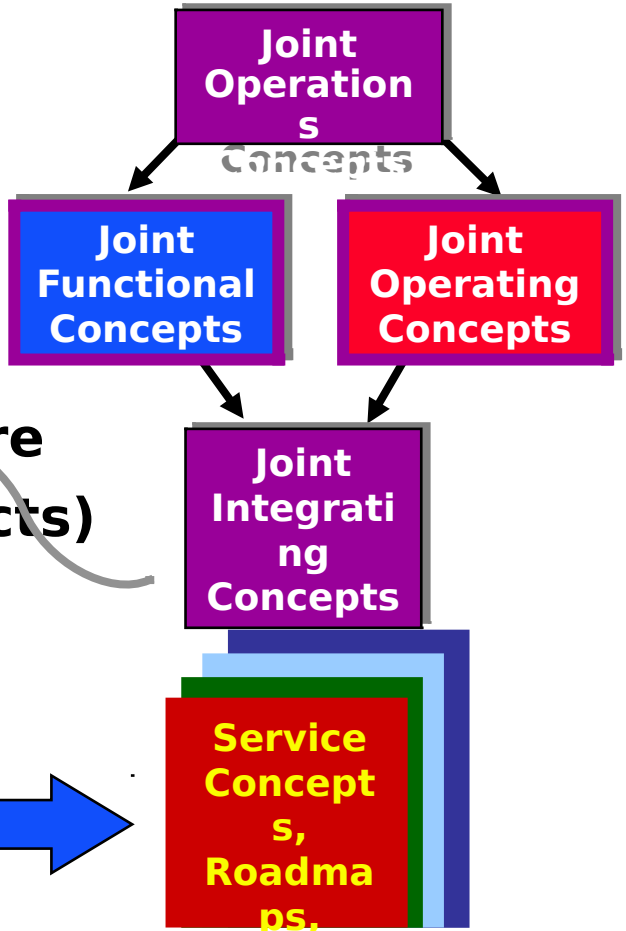
**The Capabilities Based Approach depends upon joint concepts which must translate strategic guidance into "born joint" capabilities. Current focus is to develop 2010-20 capability needs with sufficient resolution to support rigorous analysis and inform both future joint force employment and future joint force development.**

**Strategic Guidance**
**NSS, QDR, NDS, CPG, TPG, SPG, JPG, NMS, DPS**

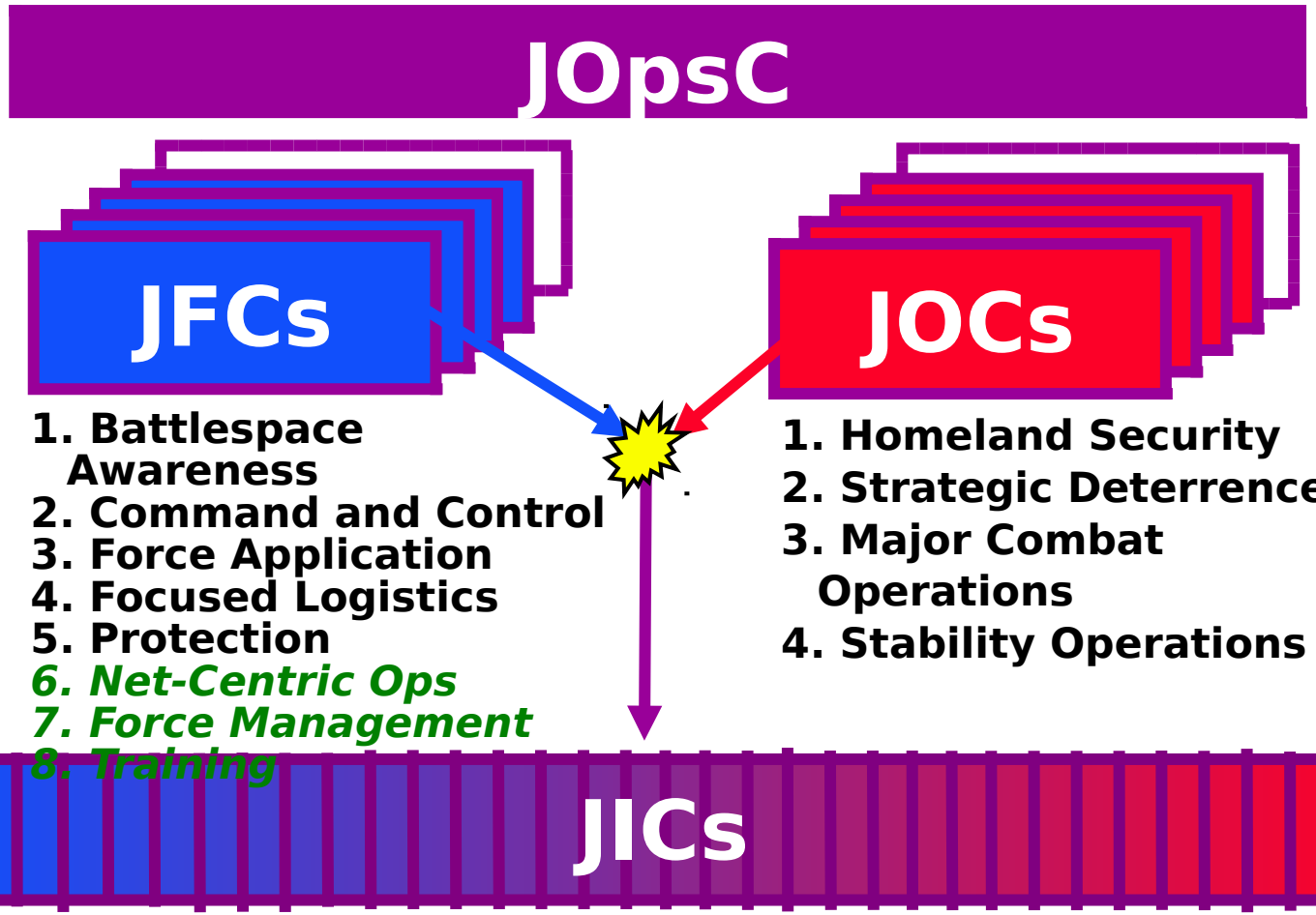
## Concept Elements

- Broad statement of how to operate in future
- Focus on operational ends (objectives/effects)
- Focus functional means (capabilities)
- Tasks & measures level of granularity

**JCIDS, Analytic Agenda, OA Studies, Experimentation, Risk Assessments, PPBE, etc.**



# Current Joint Concepts




1. Undersea Superiority
2. *Forcible Entry Ops*
3. *Global Strike Ops (USAF, FA FCB)*
4. *Sea-Basing Ops (Navy/Marines, FM FCB)*
5. *Air & Missile Defense (USAF, FP FCB)*
6. *JC2 (JFCOM, C2 FCB)*
7. *Joint Logistics (Army, FL FCB)*

# *Joint Concept Development and Revision Plan*

- **Updated guidance on Joint Family of Concepts**
  - **Definitions & Purpose**
  - **Topic Selection, Assignment and Approval**
  - **Development & Revision Responsibilities**
  - **Timelines**
  - **Currently awaiting SecDef signature**

- ***Joint Staff J7 is single OPR for all Joint Concepts (JOpsC, JOCs, JFCs, JICs)***

- ***JCDRP available at www.dtic.mil/jointvision***

# Joint Concepts Applicatio

- **Approved joint concepts may:**
  - **Be incorporated into OPLAN CONOPS**
  - **Influence Defense Planning Scenarios (DPS) CONOPS**
  - **Provide hypotheses and context for experimentation**
  - **Guide Science & Technology exploration**
  - **Provide context for Test & Evaluation**
  - **Guide future force development (JCIDS, Defense Acquisition System, PPBES, Service & Joint Transformation Roadmaps)**

# JCDRP Assigned Responsibilities

- **SecDef**
  - Assign and approve revisions to the JOpsC
  - Approve all JOCs
- **Chairman**
  - Ensure all concepts reflect applicable guidance and each accomplishes its tasked purpose
- **JCS and JROC**
  - JCS endorse the JOpsC and JOCs for SecDef approval
  - JCS assign JOCs
  - JCS assign and approve JICs
  - JROC assigns and approve JFCs
- **JFCOM**
  - Leads joint experimentation → Concept revision → Recommendations to improve the joint force

# JCDRP Process Highlights

- **Formal nomination / authorization for new concepts**
- **Any Service, COCOM, or JS Directorate may *lead* concept development and all may *participate***
- **Required concept elements** (template / lexicon)
- **Initial / Mid / Final progress reviews presented to JCS or JROC**
- **Concept revision battle rhythm which allows for experimentation**

# *Joint Operations Concepts (JOpsC)*

## Evolved Definition:

**The JOpsC is an overarching description of how the joint force will operate 10-20 years in the future in all domains across the range of military operations within a multi-lateral environment in collaboration with interagency and multinational partners. It guides the development of future joint concepts and joint force capabilities. The JOpsC establishes the unifying framework for the family of joint concepts, the attributes and broad strategic and operational tasks for the future joint force, a campaign framework for future operations, the long-range focus for joint experimentation, and the conceptual foundation for unified action towards implementing the military aspects of national strategy.**

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# Attributes of a Transformed Joint Force

- **Fully Integrated**
  - All DoD component capabilities are born joint and are able to integrate into a focused effort with a unified purpose
- **Networked**
  - Linked and synchronized in time and purpose—allowing dispersed forces to communicate, maneuver, and share a common operating picture
- **Adaptable**
  - Forces that are tailorable and scalable, prepared to quickly respond to any contingency
- **Expeditionary**
  - Rapidly deployable, employable, and sustainable—regardless of anti-access, or area denial environments
- **Decision Superior**
  - Gain and maintain information superiority to shape the situation or react to changes
- **Decentralized**
  - Uses collaborative planning and shared knowledge to empower subordinate commanders to compress decision cycles
- **Lethal**
  - Capability to destroy an adversary and/or his systems in all conditions and environments

# *Joint Operating Concept (JOC)*

## Evolved Definition:

**A JOC is an operational-level description of how a Joint Force Commander 10-20 years in the future will accomplish a strategic objective through the conduct of operations within a military campaign. This campaign links endstate, objectives, and desired effects necessary for success. The concept identifies broad principles and essential capabilities and provides operational context for JFC and JIC development and experimentation.**

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# *Joint Functional Concept (JFC)*

## Evolved Definition:

**A JFC is a description of how the joint force will perform a particular military function across the full range of military operations 10-20 years in the future. JFCs support the JOpsC and JOCs and draw operational context from them. JFCs identify required capabilities and attributes, inform JOCs, and provide functional context for JIC development and joint experimentation.**

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# Joint Integrating Concept (JIC)

## Evolved Definition:

**A JIC is a description of how a Joint Force Commander 10-20 years in the future will integrate capabilities to generate effects and achieve an objective. A JIC includes an illustrative CONOPS for a specific scenario and a set of distinguishing principles applicable to a range of scenarios. JICs have the narrowest focus of all concepts and distill JOC and JFC-derived capabilities into the fundamental tasks, conditions and standards required to conduct Capabilities-Based Assessment (CBA).**

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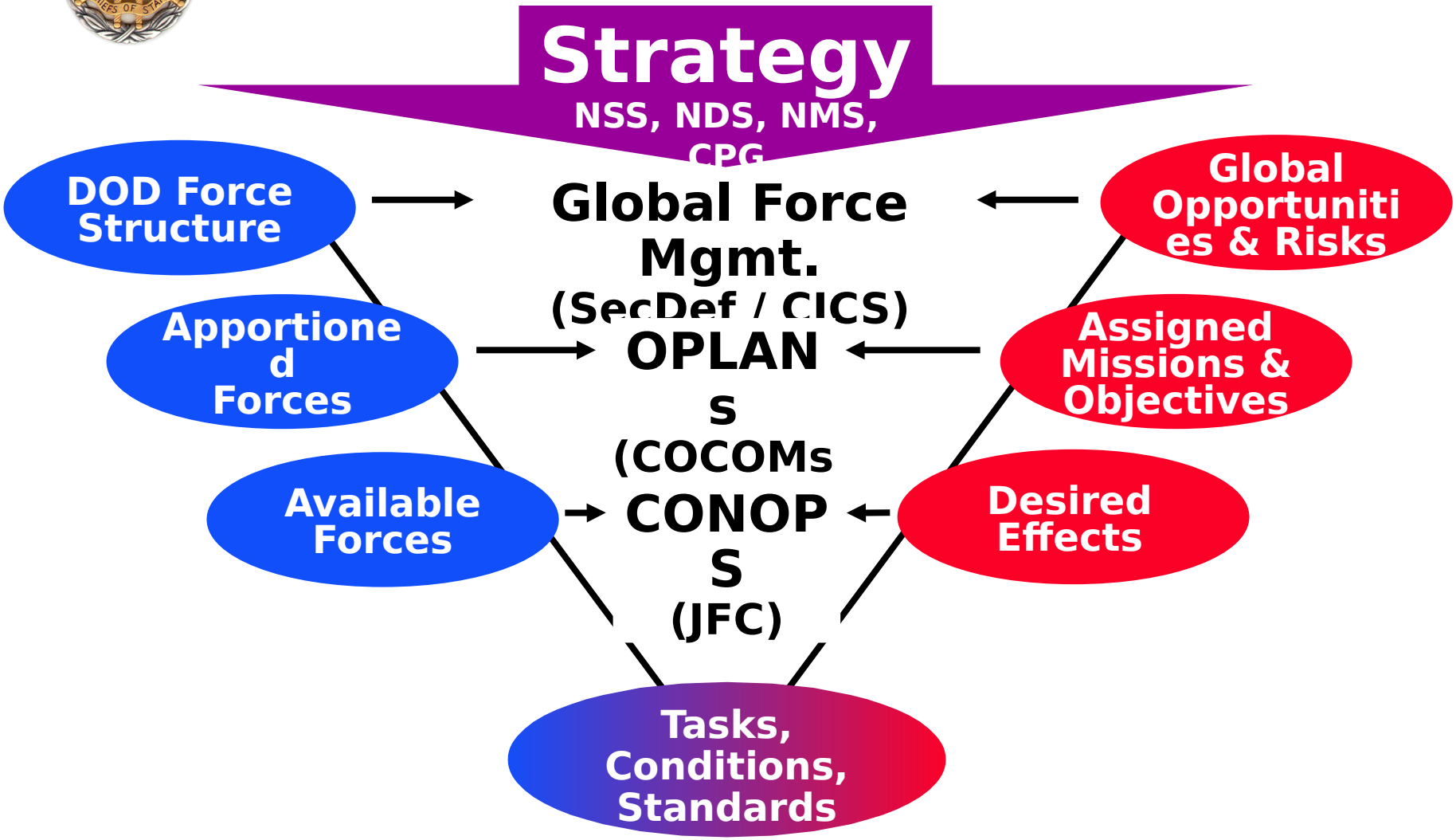
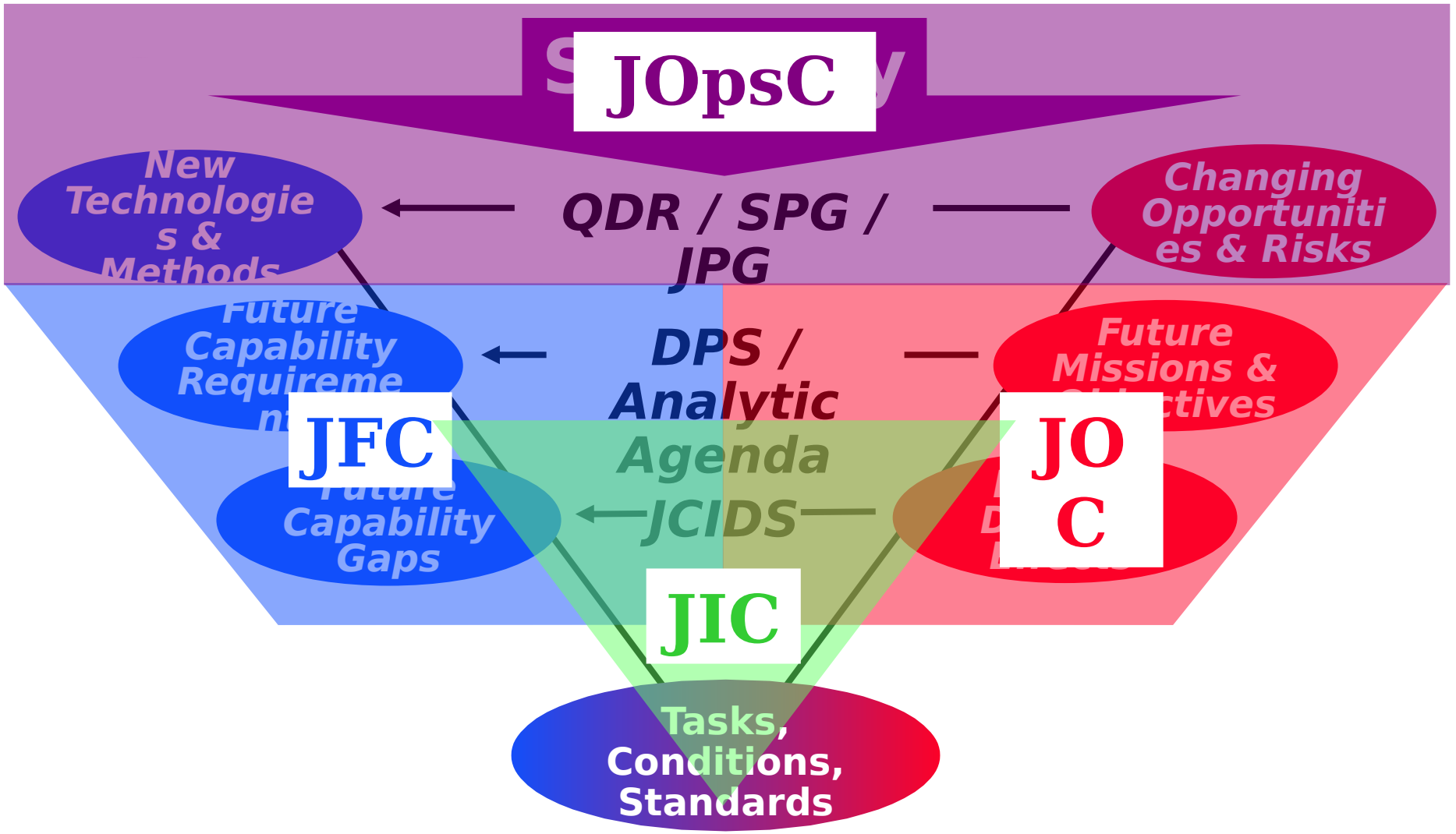
# Linkage to CBP

# Force Employment Planning: Solving for Today's Plans



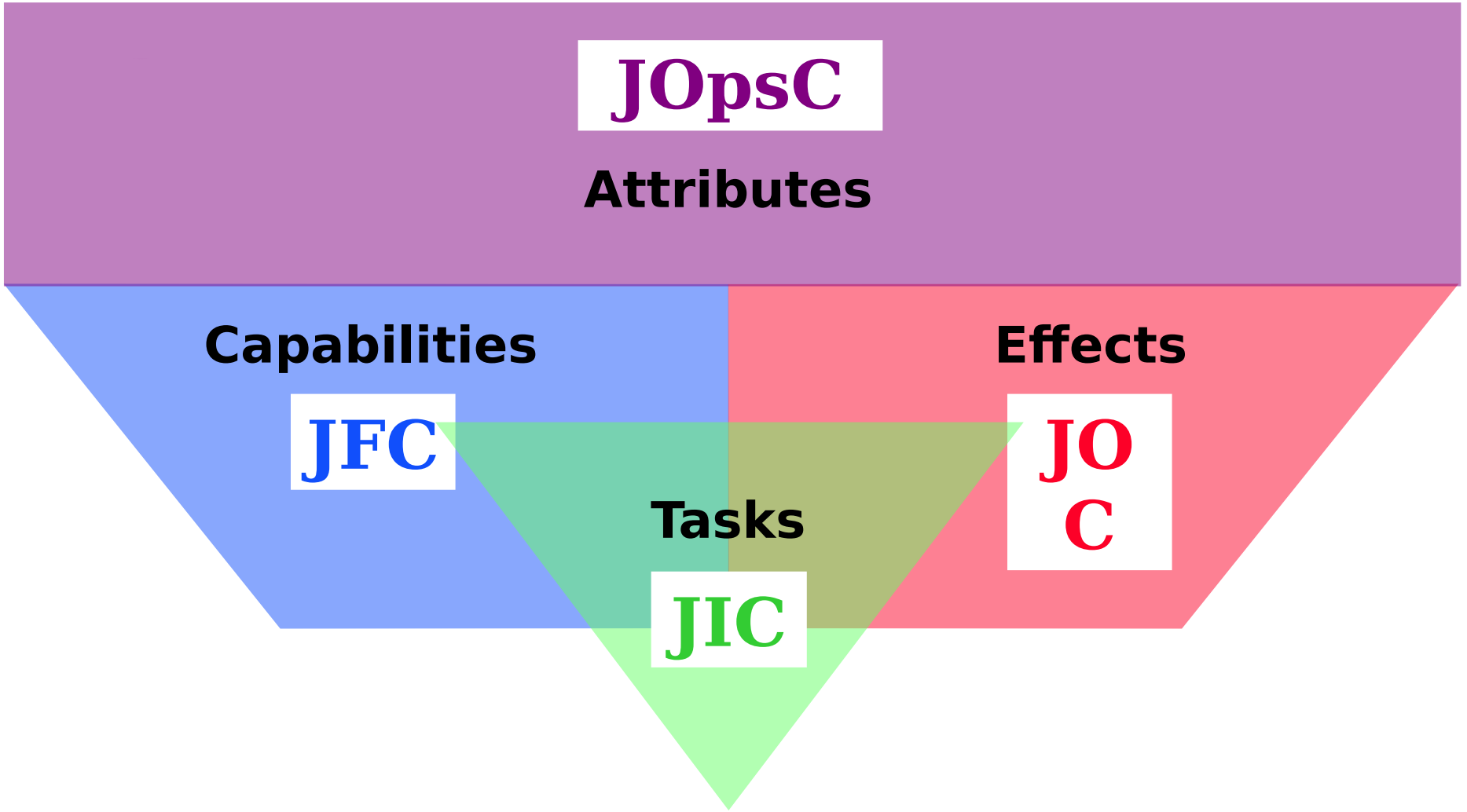
# Force Employment Planning: Solving for Today's Plans

# Force Development Planning: Solving for Future Capabilities




Means & Ways ← Assessment → Ends

# Joint Concepts Emphases



# Linkage to JCIDS

# JCIDS 701

## Concepts

- Joint Operations Concepts
- Joint Operating Concepts
- Functional Concepts
- Joint Integrating Concepts

## Potential Capability Improvement Areas

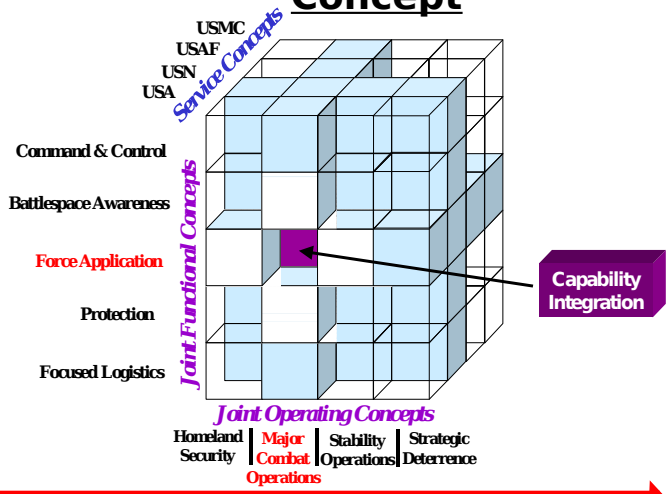
**Integrated Priority List**

Joint Quarterly Readiness Review

**Lessons Learned**

Service Programs
Strategic Planning Guidance
Range of Military Operations
Joint Experimentation

## Joint Integrating Concept

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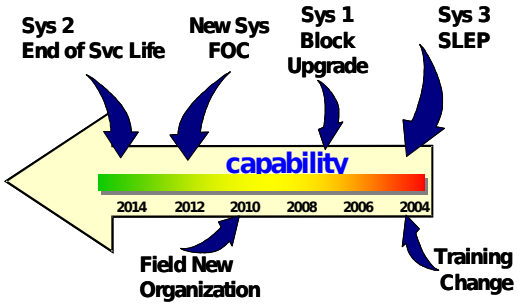
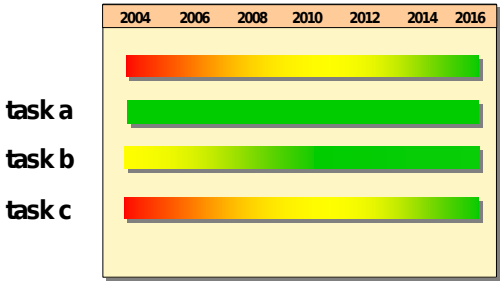
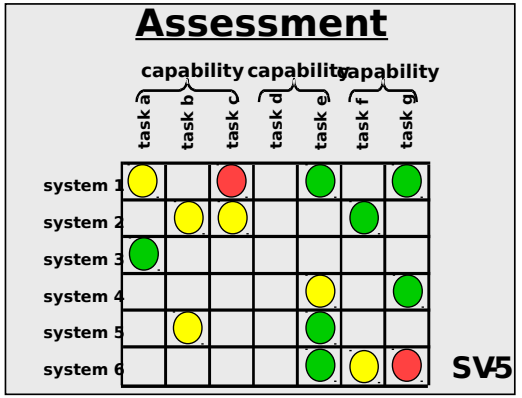
## Resource Strategy




## Capability Roadmap




## Capability Assessment




**Secretary of Defense** | **Joint Staff and OSD** | **Joint Requirements Oversight Council**

# JIC Linkage to JCIDS

- **Authors deliver JICs with a detailed scenario, CONOPS, and list of tasks (with measures)**
- **Functional Capabilities Boards (FCB) perform Capabilities Based Assessment (CBA) on each JIC (one as lead, others supporting)**
- **FCBs perform data call to services to match JIC tasks to current, programmed, and planned systems**
- **FCB assesses JIC against baseline scenario provided by author, and then may run against additional scenarios (Defense Planning Scenarios) to refine the conditions and standards for each task and aggregate capability**
- **CBA output is a weighted list of capability needs, gaps, and excesses**

# Way Ahead

# JCDRP Time Line